

PAT-NO: JP02000140550A

DOCUMENT-IDENTIFIER: JP 2000140550 A

TITLE: PROCESS FOR SEPARATING
DINITROGEN MONOXIDE FROM GAS FLOW

PUBN-DATE: May 23, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

MILLET, CYRILLE

N/A

KRAUS, GEORGES

N/A

GABILLARD, JEAN-PIERRE

N/A

MOREAU, SERGE

N/A

ASSIGNEE-INFORMATION:

NAME

COUNTRY

L'AIR LIQUIDE

N/A

APPL-NO: JP11296728

APPL-DATE: October 19, 1999

INT-CL (IPC): B01D053/02, B01D053/04 , B01J020/18
, B01J020/34

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a separation process (especially TSA type separation process) of dinitrogen monoxide N_2O (further carbon dioxide CO_2 or ethylene C_2H_4 and the like as the case may be), contained in gas flow (e.g. air) as impurities.

SOLUTION: Dinitrogen monoxide and the like being impurities are removed by the use of faujasite type zeolite. In faujasite type zeolite, Si/Al ratio is 1-1.5 and 0-35% K^+ cation, 1-99% Na^+ cation and 1-99% (preferably

COPYRIGHT: (C)2000,JPO